EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14655	suct$3 near remov$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/26 09:55
L2	250201	diaphragm$1	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/26 09:56
L3	95	1 same 2	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/26 09:56
L4	0	(("381"/$).ccls.) and 3 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/26 09:56
L5	44	3 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/26 09:57
L6	138	"5853005"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/26 09:59
L7	128	("3547106" | "3972320" | "4146885" | "4366533" | "4407293" | "4438771" | "4619270" | "4630614" | "4694839" | "4722346" | "4813427" | "4862144" | "5515865" | "5532681" | "5557263" | "5559497" | "5581238" | "Re32180").PN. OR ("5853005").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/26 10:09
L8	1	"7299159"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/26 10:14
L9	1	"7299159"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/26 10:14
L10	8	("20020124295" | "20040260156" | "20050124864" | "5853005" | "6083248" | "6605038" | "6616613" | "6804558").PN. OR ("7299159").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/26 10:14

S1	52	(("20050244020") or ("6343269") or ("5995590") or ("5313556") or ("6470316") or ("6420975") or ("5640490") or ("5873062") or ("5465317") or ("4445229") or ("7110801") or ("20040137969") or ("20040186726") or ("7031917") or ("20040054531") or ("20060143006") or ("6021207") or ("4379949") or ("4360708") or ("4941178") or ("5692059") or ("5659620") or ("5353376") or ("5953700") or ("6073098") or ("6310833") or ("3622706") or ("5478304") or ("20010036174") or ("20020001317") or ("4797924") or ("5594834") or ("5596679") or ("5638486") or ("5734793") or ("5812973") or ("5719935") or ("5729656") or ("20020152068") or ("4847885") or ("5729694") or ("6006175") or ("5681108") or ("5758322") or ("5897614") or ("6487531") or ("6711539") or ("6795807") or ("6963841") or ("6999924")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/12/26 14:23
S2	4	"0048434"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/27 10:32
S3	85	"48434"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/27 10:32
S4	20	"5802190"	USPAT	OR	ON	2006/12/22 11:47
S5	42	murase.inv. and microphone	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/22 11:48
S6	45	("2136720" | "2470933" | "2641327" | "2773941" | "3098127" | "3610841" | "3691319" | "3826987" | "3862378" | "3869584" | "4273969" | "4529058" | "4591668" | "4654883" | "4791673" | "D117003").PN. OR ("4972468").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/22 11:50
S7	0	jiyaahaado .inv.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/22 15:00

S8	0	eichiburetsukuboruto .inv.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/22 15:01
S9	328	((381/67).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/22 15:01
S10	169	((381/67).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:30
S11	199	((381/151).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:29
S12	41	((381/70).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/22 16:03
S13	2	stethoscope adj type adj microphone	US-PGPUB; USPAT; JPO	OR	ON	2006/12/23 11:47
S14	1	microphone same sampl$4 same (non adj (audible or sound or voice)) same motion same vibrat$4 same (vocal adj cord$1) same whisper same utter$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/23 15:11
S15	1	microphone and sampl$4 and (non adj (audible or sound or voice)) and motion and vibrat $4 and (vocal adj cord$1) and whisper and utter$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/23 15:12
S16	1	microphone and sampl$4 and (non adj (audible or sound or voice)) and (vocal adj cord$1) and whisper and utter$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/23 15:12
S17	1	microphone and (non adj (audible or sound or voice)) and (vocal adj cord$1) and whisper and utter$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/23 15:13
S18	4	microphone and (vocal adj cord $1) and whisper and utter$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:28
S19	7	("2151091").URPN.	USPAT	OR	ON	2006/12/23 15:18
S20	1	("2355287").URPN.	USPAT	OR	ON	2006/12/23 15:23
S21	1	("6487531").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/12/26 11:20

S22	12	(("5111501") or ("5390278") or ("5502774") or ("5535305") or ("5586215") or ("5596676") or ("5621809") or ("5640485") or ("5640490") or ("5664052") or ("5706397") or ("5805745")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/12/26 11:27
S23	5	"00138071"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/26 11:28
S24	3	"09711453"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/26 11:29
S25	0	communication same interface same ((analog adj digital adj converting) or A/D) same sampl$4 same microphone same processor same (speech adj recognit$4) same wireless	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2006/12/26 14:27
S26	0	((analog adj digital adj converting) or A/D) same sampl$4 same microphone same processor same (speech adj recognit$4) same wireless	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2006/12/26 14:27
S27	258	((analog adj digital adj converting) or A/D) and sampl$4 and microphone and processor and (speech adj recognit$4) and wireless	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2006/12/26 14:27
S28	234	communication and interface and ((analog adj digital adj converting) or A/D) and sampl$4 and microphone and processor and (speech adj recognit$4) and wireless	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2006/12/26 14:28
S29	128	communication and interface and ((analog adj digital adj converting) or A/D) and sampl$4 and microphone and processor and (speech adj recognit$4) and wireless and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2006/12/26 14:28
S30	4	microphone and (vocal adj cord$1) and whisper and utter$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/28 09:29
S31	417	((381/151-152).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:29
S32	11	microphone and (vocal adj cord$1) and whisper	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/28 09:33

S33	948	((381/151-152).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:29
S34	0	S32 and S33 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:34
S35	328	((381/67 or 381/67).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:31
S36	379	((381/326 or 381/70).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:31
S37	418	((381/375-376 or 381/181). ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:32
S38	1069	((704/271 or 704/233).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:33
S39	2092	((455/41.1-41.2 or 455/575.6). ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:33
S40	87	microphone and (vocal) and whisper	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/28 09:34
S41	0	S40 and S33 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:34
S42	0	S40 and S35 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:34
S43	1	S40 and S36 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:36
S44	1	S40 and S37 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:37
S45	5	S40 and S38 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:37
S46	0	S40 and S39 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/28 09:37
S47	14	("3730046" | "3766318" | "3878748" | "3914550" | "4039756" | "4502150" | "4550427" | "4612664" | "4672673" | "4706292" | "4993071" | "5326349" | "5381514").PN. OR ("5828758").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 09:38
S48	1	("6343269").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/21 10:45

S49	1	("4654883").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/21 10:45
S50	11	suct$4 same member same diaphragm same microphone$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/19 12:45
S51	0	("200410246862").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 10:58
S52	2	("20040246862").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 10:58
S53	6	(("4777961") or ("4181122") or ("6174278")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 11:00
S54	58	((YOSHIAKI) near2 (OHBAYASHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/21 11:09
S55	0	diaphragm same adhesive same skin same suct$3 same chamber same microphone$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/21 11:46
S56	63	diaphragm and adhesive and skin and suct$3 and chamber and microphone$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/21 11:47
S57	1	(("381"/$).ccls.) and S56 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/21 11:47
S58	11	(("600"/$).ccls.) and S56 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/21 11:51
S59	0	diaphragm same skin same suct $3 same chamber same microphone$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/21 11:57
S60	0	diaphragm same skin same suct $3 same microphone$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/21 11:57
S61	132	diaphragm same skin same suct $3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/21 11:58
S62	0	(("381"/$).ccls.) and S61 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/21 11:58
S63	26	(("600"/$).ccls.) and S61 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/21 11:58

S64	24	"4206761"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/21 12:10
S65	73	audio same microphone$1 same mastoid	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/21 17:42
S66	8	(("381"/$).ccls.)and S65 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/21 17:42
S67	73	audio same microphone$1 same mastoid	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/21 21:02
S68	20	S67 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/21 21:02
S69	68	(suct$4 or vacu$4) same member same (diaphragm or membrane) same microphone $1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/22 10:58
S70	2	(suct$4 or vacu$4) same member same (diaphragm or membrane) same microphone $1 same adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/22 10:59
S71	12	(suct$4 or vacu$4) same (diaphragm or membrane) same microphone$1 same adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/22 11:01
S72	6	S71 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/22 11:02
S73	138	"5853005"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/22 13:01
S74	128	("3547106" | "3972320" | "4146885" | "4366533" | "4407293" | "4438771" | "4619270" | "4630614" | "4694839" | "4722346" | "4813427" | "4862144" | "5515865" | "5532681" | "5557263" | "5559497" | "5581238" | "Re32180").PN. OR ("5853005").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 13:08
S75	128	(("381"/$).ccls.) and mastoid and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/22 17:17
S76	128	(("381"/$).ccls.) and mastoid and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/22 17:17
S77	1	"7246058".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/23 09:34

S78	0	diaphragm same adhesive same skin same suct$3 same remov$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:24
S79	49	diaphragm same adhesive same suct$3 same remov$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:24
S80	4	S79 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:25
S81	3913	diaphragm near2 remov$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:26
S82	2160	diaphragm near remov$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:26
S83	1158	diaphragm adj remov$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:27
S84	29	(("381"/$).ccls.) and S83 and @ay="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/25 17:28
S85	134228	suct$3 same remov$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:34
S86	23641	suct$3 near2 remov$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:35
S87	14238	suct$3 near remov$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:35
S88	7615	diaphragm same adhesive	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/04/25 17:35
S89	0	S87 same S88	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/25 17:36
S90	4	S88 and S87 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/25 17:36
S91	40	("1883791" | "2028640" | "2171053" | "2190550" | "2623369" | "2632669" | "2706659" | "2720415" | "2722978" | "2739632" | "2908473" | "3514065" | "3750991" | "4580751" | "4846429").PN. OR ("5176357").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/25 17:45

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